IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:

Patent Application of

Fred R. Frankel et al.

Appln. No.:

Not Yet Assigned

: Examiner: Not Yet Assigned

: Group Art Unit: Not Yet Assigned

Filed:

Herewith

: Attorney Docket

For:

IMMUNOGENIC COMPOSITIONS COMPRISING DAL/DAT: No. 057907-5003-03

DOUBLE MUTANT, AUXOTROPHIC ATTENTUATED

STRAINS OF LISTERIA AND THEIR METHODS OF USE

INFORMATION DISCLOSURE STATEMENT

It is requested that the references listed on the attached Information Disclosure Citation Form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein.

Copies of the references were previously cited by and/or submitted to the U.S. Patent and Trademark Office in related Application No. 10/136,253, filed May 1, 2002 now allowed (the "prior application"), Application No. 09/520,207, filed March 7, 2000, now issued as Patent No. 6,504,020 and Application No. 08/972,902, filed November 18, 1997, now Patent No. 6,099,848. The present application relies, under 35 U.S.C. § 120, on the filing date of the prior applications. Therefore, under 37 C.F.R. § 1.98(d), copies of the references are not enclosed.

Independent consideration and acknowledgment of the listed reference(s) is respectfully requested.

Respectfully submitted,

FRED R. FRANKEL ET AL.

<u>September 11, 2003</u> (Date)

By:

KATHRYN DØYLE, PK.D, J.D.

Registration No. 36,317

MORGAN, LEWIS & BOCKIUS, LLP

1701 Market Street

Philadelphia, PA 19103-2921 Telephone: (215) 963-5000 Direct Dial: (215) 963-4723 Facsimile: (215) 963-5001

E-Mail: kdoyle@morganlewis.com

Attorney for Applicants

KD/JDGB/dlm Enclosure

Substitute for form 1449A/PTO	Complete if Known		
l	Application Number	Not Yet Assigned	
INFORMATION DISCLOSURE	Filing Date	Herewith	
STATEMENT BY APPLICANT	First Named Inventor	Fred R. Frankel et al.	
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Group Art Unit	Not Yet Assigned	
(use as many sheets as necessary)	Examiner Name	Not Yet Assigned	
Sheet 1 of 2	Attorney Docket Number	057907-5003-03	

-

		U.S	S. PATENT DOCUMENTS	
Exr Initials	U.S. Patent Documer Number	nt Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	5,830,702	Kilowii)	Portnoy et al.	11-03-1998
	5,610,012		Luchansky et al.	03-1997
	6,358,714		Fotheringham et al.	03-2002

	FOREIGN PATENT DOCUMENTS						
		Foreign Patent Docum	ent		Date of	T ₁	
Exr Initials	Country Code	Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY		
	WO	93/15212			08-1993		

Exr	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine,	T ₁
Initials	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	L'
	ALEXANDER et al., 1993, Infection Immunity 61:2245-2248	
	BOUWER et al., 1996, Infect.Immun. 64:2515-2522	
	BRETT et al., 1993, J.Immunol. 150:2869-2884	
	CAMILLI et al., 1993, Mol.Microiol. 8:143-157	
	COLLINS et al., 1984, Proc.Natl.Acad.Sci. USA 81:6812-6816	
	COYNAULT et al., 1996, Mol.Microbiol. 22:149-160	
_	DONS et al., 1992, Mol.Microbiol. 6:2919-2929	L
	EMOND et al., 1993, App.Environ.Microbiol. 59:2690-2697	
	FERRARI et al., 1985, Bio/technology 3:1003-1007	T^{-}
-	FOUTS et al., 1995, Vaccine 13:1697-1705	T
	FRANKEL et al., 1995, J.Immunol. 155:4775-4782	T
	GALAKATOS et al., 1986, Biochemistry 25:3255-3260	Τ
	GOOSSENS et al., 1995, Int.Immunol. 7:797-802	T
	GRAHAM et al., 1995, New England Journal of Medicine 333:1331-1339	Τ
	HARTY et al., 1992, J.Exp.Med. 175:1531-1538	T
	HAYNES et al., 1996, Annals. of Medicine 28:39-41	
	HAYNES et al., 1993, Science 260:1279-1286	
	IKONOMIDIS et al., 1997, Vaccine 15:433-440	
	INNIS et al., ed., 1990, In: PCR Protocols, Academic Press, Inc., San Diego - too	T
	voluminous to submit.	
	KAUFMANN, 1993, Ann.Rev.Immunol. 11:129-163	
	LEBOCKA et al., 1994, J.Bacteriol. 776(5):1500-1510	
	MARQUIS et al., 1993, Infection and Immunity 61:3756-3760	T

Examiner	1-PH/1878249.1	Date	
Signature		Considered	

Substitute	for form 1	449A/PT	0	Complete if Known		
l	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Not Yet Assigned		
			Filing Date	Herewith		
STATE			First Named Inventor	Fred R. Frankel et al.		
/	(use as many sheets as necessary)		Group Art Unit	Not Yet Assigned		
(use a			Examiner Name	Not Yet Assigned		
Sheet	2	of	2	Attorney Docket Number	57907-5003-03	

•

U.S. PATENT DOCUMENTS						
Exr Initials	U.S. Patent Docum	ent	Name of Inventor or Applicant of Cited Document	Date of Publication of		
	Number	Kind Code (if known)		Cited Document MM-DD-YYYY		

	FOREIGN PATENT DOCUMENTS						
Exr Initials	Country Code	Foreign Patent Docum Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ₁	
						-	

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ₁
	NORIEGA et al., 1996, Infect.Immun. 64:3055-3061	
	Ogasawara Database EMBL, Oct. 13, 1997, "Bacillus subtilis Genome Sequence"	
	PAMER et al., 1991, Nature 353:852-855	
	PAN et al., 1995, Nat.Med. 1:471-477	
	PATERSON et al., 1996, Curr.Opin.Immunol. 8:664-669	
	PORTNOY et al., 1992, Infect. and Immun. 60:1263-1267	ļ
	PUCCI et al., 1995, J.Bacteriol. 177:336-342	
	RUBIN et al., 1993, Proc.Natl.Acad.Sci. USA 90:9280-9284	
	SAMBROOK et al., 1989, In: Molecular Cloning: A Laboratory manual, Cold Spring	
	Harbor Laboratory, New York – (too voluminous to submit)	<u> </u>
	SCHAFER et al., 1992, J.Immunol. 149:53-59	
	SHAW AND CLEWELL, 1985, J.Bacteriol. 164:782-796	
	SHEN et al., 1995, Proc.Natl.Acad.Sci. USA 92:3987-3991	
	SIZEMORE et al., 1995, Science 270:299-302	<u> </u>
	SMITH et al., 1992, Biochimie 74:705-711	
	TANAKA, Oct. 7, 1997, Database EMBL, "DNA sequence coding D-amino	
	transaminase"	
	TANIZAWA et al., 1989, J.Biol.Chem. 264:2450-2454	
	TANIZAWA et al., 1988, Biochemistry 27:1311-1316	
	THOMPSON et al., 1998 Infection and Immunity 66:3552-3561	<u> </u>
	TILNEY et al., 1989, J.Cell Biol. 109:1597-1608	
	TRIGLIA et al., 1988, Nucl.Acids Res. 16:8186	
	WASSERMAN et al., 1984, Biochemistry 23:5182-5187	
	WIPKE et al., 1993, Eur.J.Immunol. 23:2005-2010	

Examiner	1-PH/1878347.1	Date I
Signature		Considered